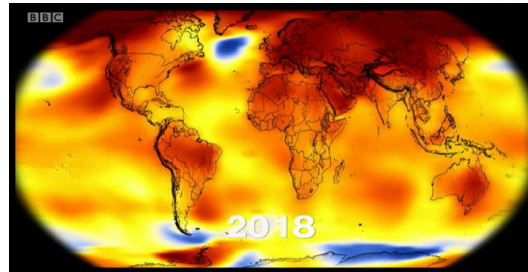
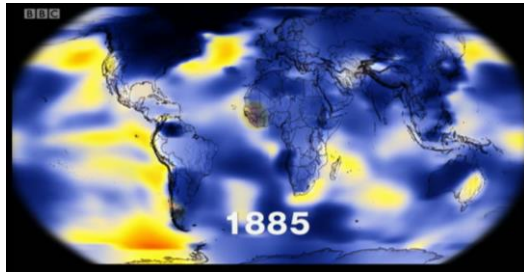
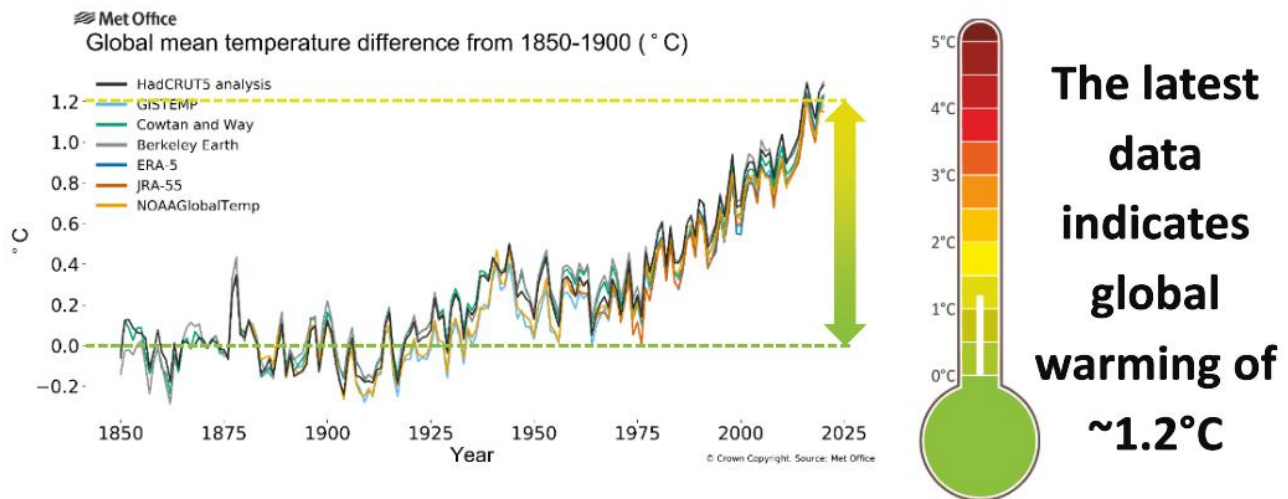


Week 2: Why is the Greenhouse Effect a problem?

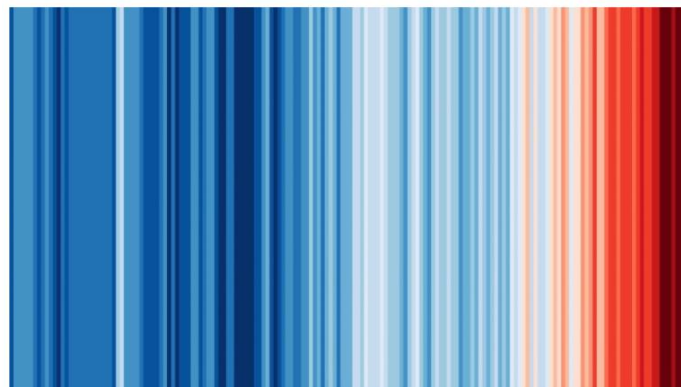
The problem is that for the last 250 years or so, human activities have been enhancing the Greenhouse Effect by adding more greenhouse gases to the atmosphere, thus increasing the thickness of this blanket of greenhouse gas emissions. This has resulted in further warming of the Earth, leading to the climate change we are now experiencing.



So far, we have experienced around 1.2°C of warming since pre-industrial times (1850-1900) i.e. the widespread use of fossil fuels.



20 of the warmest years on record have all occurred in the last 22 years.



The iconic stripes show the change in average global temperatures since 1850. “Global temperatures were so hot in 2023 that the latest climate stripes image needs a new colour to show it,” says its creator.

www.bbc.co.uk/news/articles/c72yrd8y9pwo

While the Greenhouse Effect is crucial for life, its human-driven intensification is a major contributor to the global climate crisis.

Sophie Duffy (Senior Programme Lead)